

***LineUp With Math™* Alignment**
Arizona Mathematics Standard Articulated By Grade Level
Grade 7

Strand 1: Number Sense and Operations

Concept 2: Numerical Operations

Understand and apply numerical operations and their relationship to one another

Standard

PO 10. Calculate the percent of a given number.

***LineUp With Math™* Activities**

--Use percent relationships to resolve distance, rate, time conflicts in air traffic control.

Concept 3: Estimation.

Use estimation strategies reasonably and fluently.

Standard

PO 1. Solve grade-level appropriate problems using estimation.

***LineUp With Math™* Activities**

--Predict and plot the relative motion of two or more airplanes on given paths.

--Use an interactive simulator plus calculation worksheets to model and resolve air traffic control conflicts.

Strand 4: Geometry and Measurement

Concept 4: Measurement - Units of Measure

Understand and apply appropriate units of measure, measurement techniques, and formulas to determine measurements.

Standard

PO 8. Compare estimated to actual lengths based on scale drawings or maps.

***LineUp With Math™* Activities**

-- Predict and plot the relative motion of two or more airplanes on given paths.